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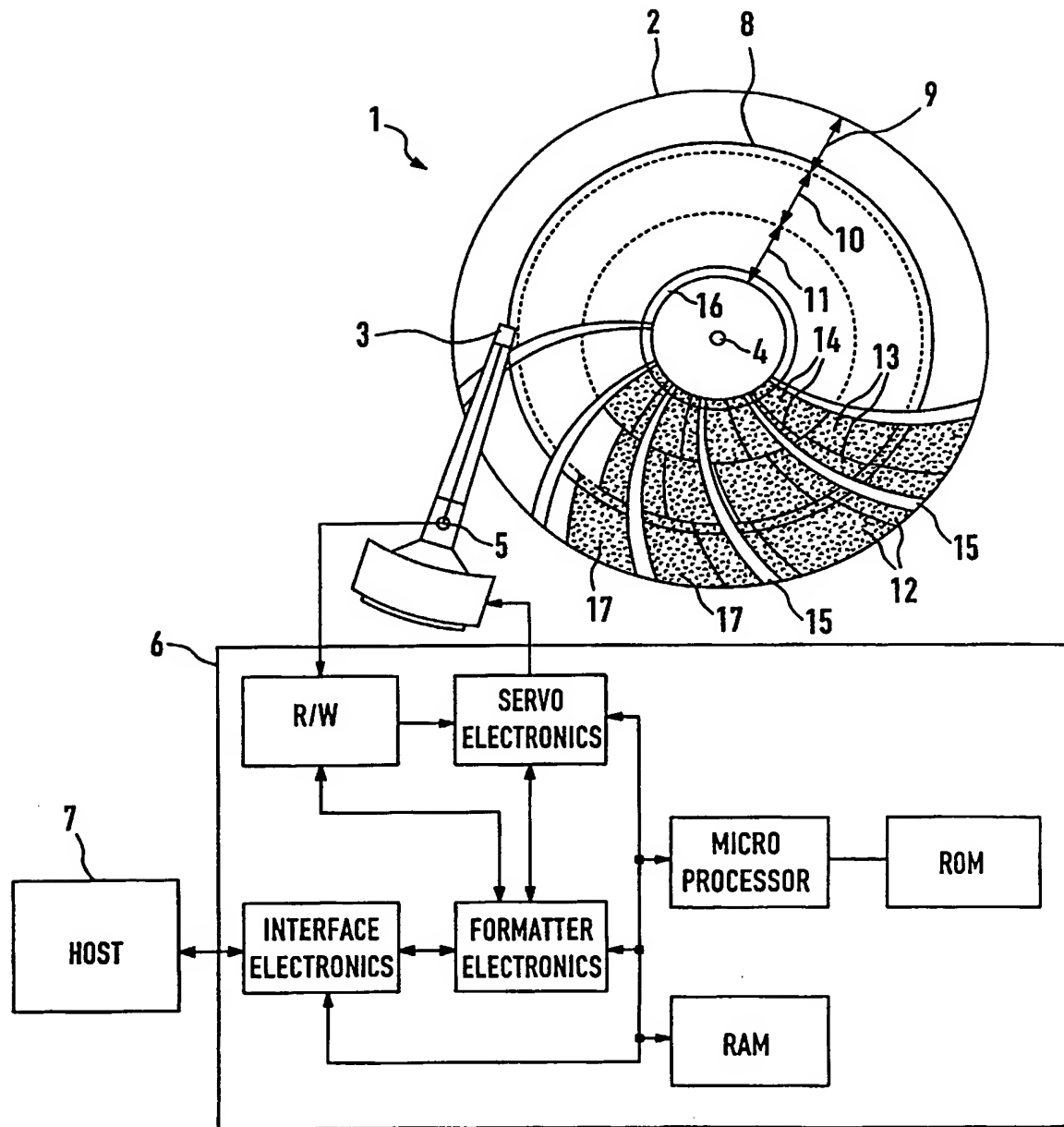


FIG. 1

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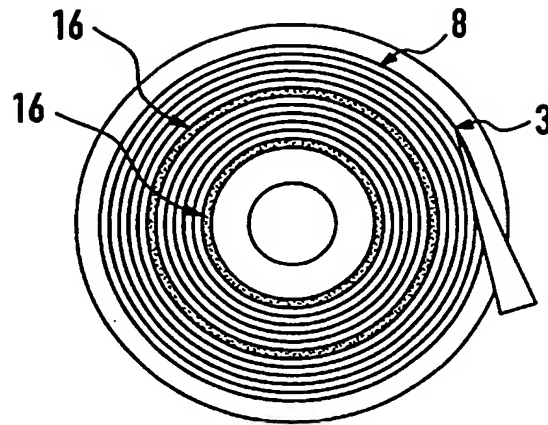


FIG. 2a

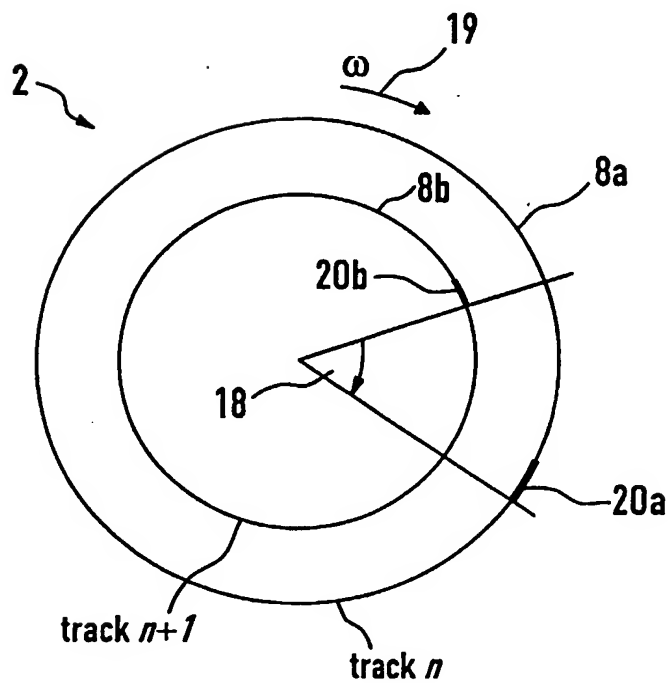


FIG. 2b

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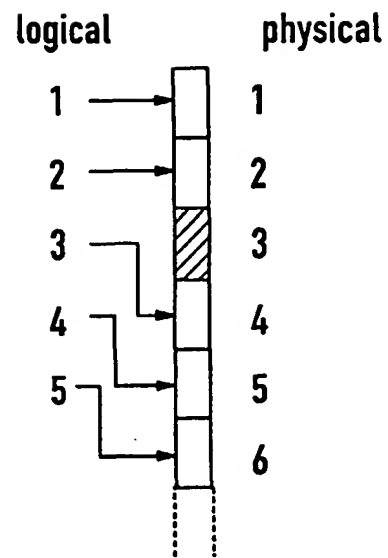


FIG.3a

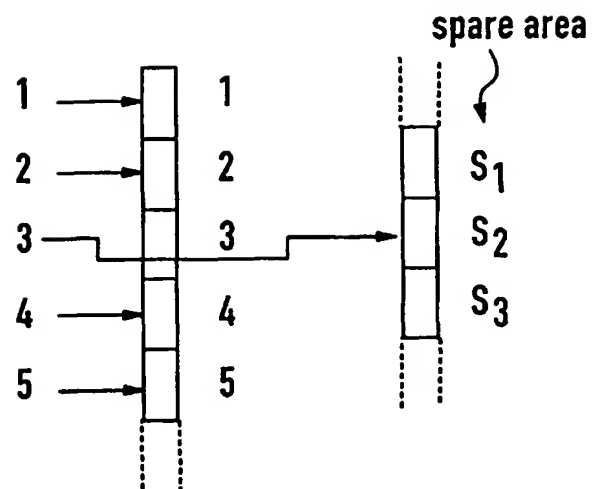


FIG.3b

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	UA			SA			UA			SA												
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Physical	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1st Format	0	1	2	3	4	5	6	7	S	S	S	8	9	10	11	12	13	14	15	S	S	S
Fact. Test 12																B						
Slipped	0	1	2	3	4	5	6	7	S	S	S	8	9	10	11	12	13	14	15	S	S	S
Grown 2			B																			
Remap	0	1		3	4	5	6	7	S	S	2	8	9	10	11	12	13	14	15	S	S	S
Free 1..4		F		F	F						F											
Bubble	0	1		2	3	5	6	7	S	S	4	8	9	10	11	12	13	14	15	S	S	S
Free 1..6		F		F	F	F	F				F											
Bubble	0	1		2	3	4	5	7	S	S	6	8	9	10	11	12	13	14	15	S	S	S
Free 4..9					F	F	F	F			F	F	F									
Bubble	0	1		2	3	4	5	6	7	S	S	8	9	10	11	12	13	14	15	S	S	S

FIG.4

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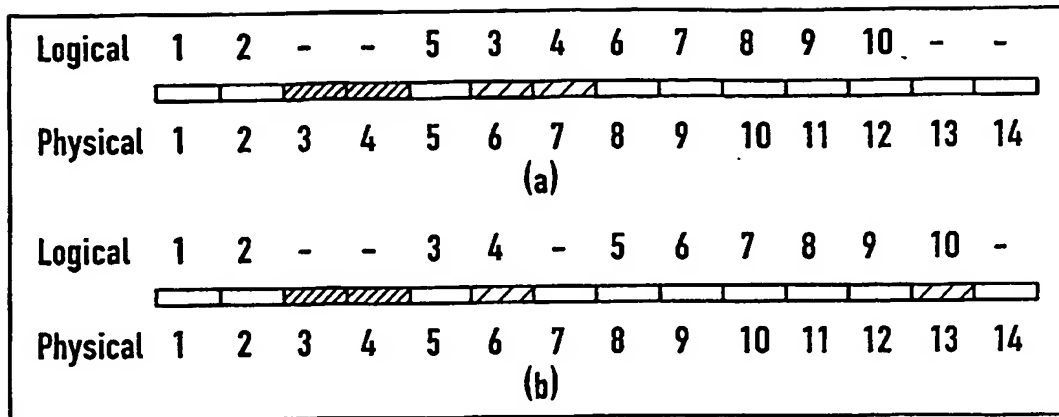


FIG.5

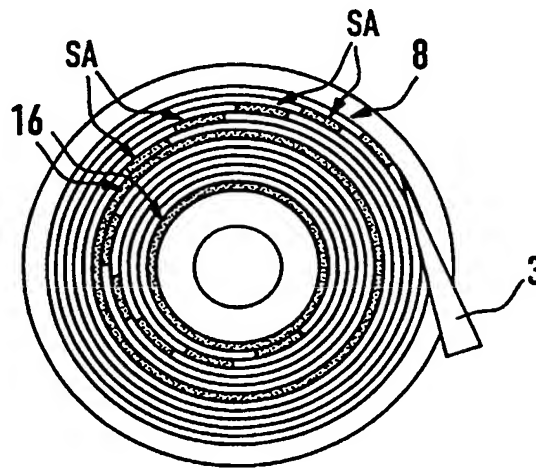


FIG.6a

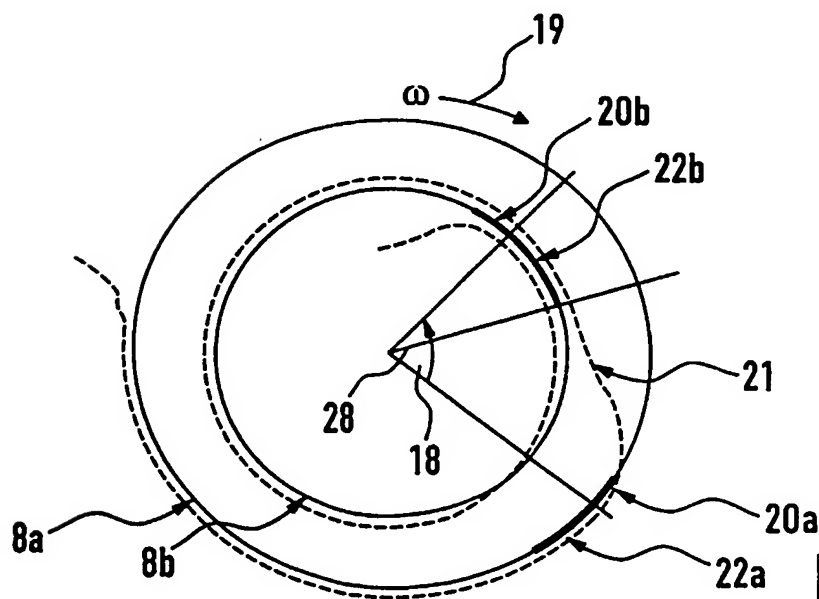


FIG.6b